



## Missouri WAP Technical Newsletter

### Technical Updates and Reminders:

#### **Mandatory Replacements**

Selecting mandatory replacement options in NEAT/MHEA is not allowed without prior DE approval, except in cases where a furnace would have to otherwise be replaced as a Health and Safety measure. This applies, but is not limited to, window and door replacements, user specified insulation amounts, and furnace replacements that would not have otherwise been replaced as a Health and Safety measure. This guidance has been expressed multiple times at trainings, in newsletters, and during monitoring visits the past year. Homes that are turned in for reimbursement in the future, which have an initial audit date on or after July 1, 2016, will not be reimbursed for measures that were evaluated with mandatory replacement options other than as stated above.

#### **ASHRAE 62.2**

Effective immediately, the emergency shut-off switch for ASHRAE fans **may** be located within the fan housing. The fan must have an adjustment switch that allows the cfm to be turned to zero. If a client is not capable of accessing this location, a typical wall mounted switch should be installed and labeled.

In addition, the dedicated circuit for an ASHRAE fan may include other minor electrical draws such as existing bathroom lights and receptacles.

#### **Change Work Orders and the MoWAP Change Order Function**

A signed and dated, agency developed, Change Work Order must be included in the client file whenever the work scope is changed as listed below. The Change Work Order must be signed by the QCI, Energy Auditor, Weatherization Director or other agency staff member who has authority to approve the change in the work scope. Verbal approval for work changes may be given but must be followed by completion of the signed Change Work Order. All written Change Work Orders must also be documented on MoWAP using the change order function.

1. When an ECM, Health and Safety measure or Incidental Repair listed on the Recommended Measures is removed from the work scope, a written Change Work Order and documentation in MoWAP is required.
2. When an ECM, Health and Safety measure or Incidental Repair that is not listed on the Recommended Measures is added to the work scope, a written Change Work Order and documentation in MoWAP is required.
3. When significant additional work is found to be necessary to complete **a measure that is already on the work scope**, documentation is required in MoWAP; however, a written change order is not necessary. Example: A window replacement was part of the work scope. When the old window was removed, it was discovered that the framing was too rotted to install the new window. Additional work and materials caused a significant increase in the cost of the measure. Documentation must be included in MoWAP

explaining the circumstances which resulted in the additional cost; however, **a written change order is not necessary.**

It should be noted that additional repairs found to be necessary after the undertaking of a measure has commenced, should not be completed as Incidental Repairs. The additional costs should be included as part of the cost of the measure. It would not be practical for a crew or contractor to stop work until the subgrantee has an opportunity to determine if adding Incidental Repair costs would cause the homes cumulative SIR to fall below 1.0.

### **Energy Star**

All homes audited on or after July 1, 2016, will be required to meet or exceed the new Energy Star requirements for installed heat pumps and air conditioners in site built homes. Keep these criteria in mind as you go through the bid process for HVAC contracts. The criteria are as follows:

#### New Requirements:

Air Source Heat Pumps-

Split System: 8.5 HSPF or greater and 15 SEER or greater

Package Units: 8.2 HSPF or greater and 15 SEER or greater

Central Air Conditioners-

Split System: 15 SEER or greater

Package Units: 15 SEER or greater

Mobile Homes-

The Energy Star requirement for central air conditioners and heat pumps will not be required in mobile homes as of July 1, 2016. This is due to a lack of available equipment meeting these qualifications that are rated for use in mobile homes. As more equipment becomes available this exemption will be re-evaluated.

### **Fiberglass Insulation**

Fiberglass insulation must not be left exposed in living spaces or in other spaces that are routinely used by the client. Encapsulated fiberglass may be used or fiberglass batts may be covered with a durable, air-permeable material such as Tyvek or landscaping fabric.

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